

Title (en)

Opening/closing mechanism for doors or leaves

Title (de)

Öffnungs-/Schließmechanismus für Türen oder Türblätter

Title (fr)

Mécanisme d'ouverture/fermeture pour portes ou ouvrants

Publication

EP 2853669 A1 20150401 (EN)

Application

EP 14186188 A 20140924

Priority

IT TV20130152 A 20130927

Abstract (en)

To simplify its production, a method is shown for hinging the ends of a gas spring to an anchoring element (30, 60) that is fixable to a compartment (12) to be closed and/or to a movable closing element (14) for the compartment. In the method one of the end or the anchoring element is equipped with a first retaining portion (66, 68, 36, 38) in the shape of a clamp or fork which defines a seat (V), and the other is equipped with a second portion (26) shaped substantially complementarily to the seat, the shape of the seat being such that, once the second portion is inserted in the seat, they become inseparable by interposition of parts but relatively movable about an axis (X).

IPC 8 full level

E05F 1/10 (2006.01)

CPC (source: EP)

E05F 1/1091 (2013.01); **E05Y 2201/636** (2013.01); **E05Y 2600/53** (2013.01); **E05Y 2600/63** (2013.01); **E05Y 2900/20** (2013.01)

Citation (applicant)

FR 2822494 A1 20020927 - FERRAMENTA LIVENZA [IT]

Citation (search report)

- [X] WO 2005033549 A1 20050414 - VAPSINT SRL [IT], et al
- [X] US 5833383 A 19981110 - BAUMAN WALTER DOUGLAS [US]
- [AD] FR 2822494 A1 20020927 - FERRAMENTA LIVENZA [IT]

Cited by

US11920396B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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